

## Special Issue

# Pulmonary Hypertension: From the Molecular Mechanisms to Novel Therapies

### Message from the Guest Editor

Pulmonary hypertension (PH) is a complex, progressive, and life-threatening condition of multifactorial etiology. In recent years, the prognosis of PH has improved substantially due to advances in diagnostic strategies and the development of novel therapeutic agents. These innovations have markedly reduced morbidity and mortality, transforming PH from a uniformly fatal disease into a chronic, treatable condition with improved clinical outcomes. Advances include the expansion of disease-targeted drug classes and the adoption of multimodal treatment approaches that address multiple pathogenic pathways, resulting in improvements in survival, functional capacity, and quality of life. This Special Issue will explore the molecular mechanisms underlying PH, including vascular remodeling, dysregulated proliferation and apoptosis, metabolic dysfunction, and genetic/epigenetic contributors to disease heterogeneity, while highlighting emerging and innovative therapeutic strategies.

### Guest Editor

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### Deadline for manuscript submissions

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## Cells

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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